

grounds, which are open every week day and during the afternoon on Sundays, the latter a recent innovation to accommodate visitors who are not able to visit the park at other times. People come from Rochester, Buffalo, and other neighboring towns, often in the form of classes or excursions of considerable size. The region is accessible from Portage, a station on the Erie Railroad, distant from New York City about 363 miles. This station is but a short distance from the bridge, referred to in the early part of this article, across which one must go to reach the system of paths installed by Mr. Letchworth. From this bridge one gets his first introduction to the gorge of the Genesee, for a magnificent view is obtained, from this high vantage point, of the falls and gorge.

The whole tract is beautiful and impressive with its rugged wild scenery, the grandeur of its water falls, and the feeling of the wild that pervades it all. The public and the state are certainly to be congratulated upon the acquisition of so beautiful a park, and it is devoutly hoped that no mercenary interests, for none others would have the inclination nor the audacity, will succeed in accomplishing anything that will mar the beauty and the grandeur of this, one of nature's finest works.

NEW YORK BOTANICAL GARDEN.

SOME RARE AND INTERESTING PLANTS OF BERKS COUNTY, PENNSYLVANIA

BY W. H. LEIBELSPERGER

Notwithstanding the fact that some of the plants here listed may never have been credited to this locality, they have all been found by the writer in his many botanical and ornithological tramps. The plants listed have been found either on the Irish Mountains south of Fleetwood, on the Blue Mountains, which lie about fifteen miles north of the Irish Mountains, or in the vast stretch of hills and lowlands between these mountains.

The "Illustrated Flora" of Britton and Brown has been followed in nomenclature and arrangement.

Ophioglossum vulgatum L. Rare. Specimens of this odd little

fern were found in a sandy meadow near Moselem Springs, and in moist rich woods in the Blue Mountains, where nice specimens were found on October 13, 1907. Specimens 13 inches high were seen.

Botrychium simplex E. Hitchcock. Rare. This interesting little grape-fern was found on June 30, 1907, at the edge of moist woodland about one mile southeast of Fleetwood. Numerous specimens, ranging in height from 3 to 9 inches, were found.

Botrychium lanceolatum (S. G. Gmel.) Ångs. Rare. Specimens of this fern were found in the locality named for *B. simplex*, but later.

Botrychium dissectum Spreng. Frequent specimens were found in meadows and moist woods on the Irish Mountains, as well as on the Blue Mountains.

Camptosorus rhizophyllus (L.) Link. Frequent. The walking-fern grows in a number of places in the county, but the largest specimens, with leaves from 9 to 15 inches long, were found near Lenhartsville.

Cypripedium hirsutum Mill. Not common. Specimens of this ornamental plant were found on the Irish and the Blue Mountains. Many plants with two flowers have been seen.

Orchis spectabilis L. Infrequent. Specimens of this pretty and interesting plant were found near Pikeville and in the Blue Mountains.

Habenaria orbiculata (Pursh) Torr. Rare. Specimens were found about two miles southeast of Fleetwood.

Habenaria ciliaris (L.) R. Br. Infrequent. This, the most handsome species of the genus, grows in moist rich woods on the Irish Mountains, as well as on the Blue Mountains.

Habenaria psycodes (L.) A. Gray. Not common. Specimens were found near Pricetown.

Pogonia ophioglossoides (L.) Ker. Frequent. Found in several localities, but is not so frequently met with as *P. verticillata*.

Aplectrum spicatum (Walt.) B.S.P. Rare. This interesting plant is found in a number of places in the county, but is everywhere regarded as rare.

Hydrastis canadensis L. Rare. Golden seal was found near Evansville, the only locality known to the writer.

Coptis trifolia (L.) Salisb. This interesting little evergreen plant grows abundantly in moist rich woods southeast of Fleetwood as well as in the Blue Mountains.

Caulophyllum thalictroides (L.) Michx. Infrequent. This plant has been found in a number of places, but it grows most abundantly several miles north of Virginsville.

Crataegus moselemensis Gruber. The typical *Crataegus moselemensis* stands about one-half mile west of Moselem. This giant hawthorn is probably without an equal, being 7 m. high and having a spread of 13.7 m. It has a trunk circumference of 2 m. near ground and is about 95 years old.

Drosera rotundifolia L. This insectivorous plant was found in several bogs on the Irish Mountains.

Cubelium concolor (Forst.) Raf. Not common. Found numerous specimens, ranging in height from 0.6 m. to 1 m., near New Jerusalem, the only locality known by the writer.

Panax quinquefolium L. This plant is becoming very scarce in this locality owing to the high price realized for its root. Specimens were found near Harlem.

Oxycoccus macrocarpus (Ait.) Pers. Grows abundantly in bogs near Pricetown, the only known locality in the county.

Gentiana crinita Froel. Infrequent. Found in a meadow in "Pine Swamp," Blue Mountains.

Truly did some poet write :

"Thou waitest late and comest alone,
When woods are bare and birds are flown,"

for the writer has found nice specimens in blossom as late as November 15.

Obolaria virginica L. Infrequent. This ornamental little plant presents a decided exception to the other members of the family in that it makes its appearance early in the spring. Specimens have been found in different localities in the county, but the prettiest branching specimens are found in rich woods near Moselem.

Menyanthes trifoliata L. Rare. This interesting member of the gentian family grows abundantly in a bog near New Jerusalem, the only locality known to the writer. Specimens with 4-foliolate leaves have been collected.

Limnanthemum nymphacoides (L.) Hoffm. & Link. Rare. This pretty and interesting plant grows in a small pond near Moselem. How it happened to be introduced there the writer has in vain tried to ascertain.

Castilleja coccinea (L.) Spreng. This showy parasite decorates some meadows southeast of Fleetwood.

Thalesia uniflora (L.) Britton. Frequent. Specimens of this yellowish root-parasite have been found in a number of places in the county.

Triosteum angustifolium L. Rare. This plant is much scarcer in this locality than its sister species, *T. perfoliatum*. Specimens were found near Moselem.

FUNGI

Sparassis Herbstii Peck. This handsome fungus was named by Prof. C. H. Peck after the late Dr. William Herbst, of Trexler-town, Pa. Specimens have been found in open woods near Pricetown, Pa.

Hydnum Caput-ursi Fr. The only specimen ever seen by the writer was found on an oak stump near Moselem.

Hydnum coralloides Scop. A beautiful specimen of this fungus was found at Moselem, by Mr. S. S. Gruber and presented to the writer. It grew from a dead hickory stump about four feet from the ground.

Cordyceps herculca Schw. Specimens of this interesting parasitic fungus were found in rich woods at Moselem and identified by Prof. C. H. Peck.

Polyporus frondosus Fr. A fine specimen of this fungus was found near Fleetwood. It was in the form of a spherical cluster about one foot in diameter.

FLEETWOOD, PA.

A NEW MAPLE FROM SOUTHERN CALIFORNIA

BY LE ROY ABRAMS

A few years ago Dr. E. L. Greene (Pittonia, 5: 1-3) described four new species of *Acer* as segregates of *Acer glabrum* Torr. Three of these species we have been able to examine, and from